

[Power Supply Controller and Information Processor]

Abstract

A power supply controller which controls a power supply unit for supplying a plurality of different voltages has a state register section which stores state values corresponding to a combination of voltages supplied by the power supply unit in the plurality of voltages, a reference clock oscillator section which oscillates a reference clock, a state value changing combination circuit which changes the state values one by one in a predetermined order to state values corresponding to a target combination of voltages when a change instruction to change the combination of voltages supplied by the power supply unit is received, and an output section which transmits the power supply unit provide the combination of voltages corresponding to the state values successively changed by the state value changing combination circuit.